



ELSEVIER

Dyes and Pigments 40 (1999) I–III

**DYES
AND
PIGMENTS**

Contents of Volume 40

Number 1

- 1 A study of dye–surfactant interactions. Part 2. The effect of purity of a commercial cationic azo dye on dye–surfactant complex formation
B. SIMONČIČ & F. KOVAČ (Slovenija)
- 11 Dicyanopyrazine studies. Part V: Syntheses and characteristics of chalcone analogues of dicyanopyrazine
J.-Y. JAUNG, M. MATSUOKA & K. FUKUNISHI (Japan)
- 21 Solubility and decomposition temperature of 1,4-bis(arylamino)anthraquinone dyes
M. MATSUI, A. SEDYOHUTOMO, M. SATOH, Y. ABE, K. FUNABIKI, H. MURAMATSU & K. SHIBATA (Japan)
- 27 UV–H₂O₂ oxidation of monoazo dyes in aqueous media: a kinetic study
C. GALINDO & A. KALT (France)
- 37 Structural relationships on conductivities of ortho-hydroxyazo dyes
H. ZHAN & H. TIAN (People's Republic of China)
- 43 Synthesis and spectra of tris(4-dimethylaminophenyl)divinylenes
M. LANDL, P. ŠIMON & M. BREZA (Slovak Republic)
- 53 Three dimensional molecular stacking and functionalities of aminonaphthoquinone by intermolecular hydrogen bondings and interlayer π – π interactions
J.H. KIM, M. MATSUOKA & K. FUKUNISHI (Japan)
- 59 Dyeing of cotton–polyester blends with anthraquinonoid vat dyes
Y.C. CHAO, Y.L. CHUNG, C.C. LAI, S.K. LIAO & J.C. CHIN (Taiwan)
- 73 Dicyanopyrazine studies. Part VI: Absorption spectra and aggregation behaviour of tetrapyrazinoporphyrazines with long alkyl groups
J.-Y. JAUNG, M. MATSUOKA & K. FUKUNISHI (Japan)
- 83 New green pigments; ZnO–CoO
P. ŠULCOVÁ & M. TROJAN (Czech Republic)
- 87 Synthesis of Ce_{1–x}Pr_xO₂ pigments with other lanthanides
P. ŠULCOVÁ & M. TROJAN (Czech Republic)
- 93 Book review

Number 2-3

- 95 Photochemistry of fluorescein and eosin derivatives
P. MEALLIER, S. GUITTONNEAU, C. EMMELIN (France) & T. KONSTANTINOVA (Bulgaria)
- 99 Synthesis and properties of novel aziridiny azo dyes from 2-aminothiophenes—Part 1: Synthesis and spectral properties
G. HALLAS (UK) & J.-H. CHOI (Korea)
- 119 Synthesis and properties of novel aziridiny azo dyes from 2-aminothiophenes—Part 2: Application of some disperse dyes to polyester fibres
G. HALLAS (UK) & J.-H. CHOI (Korea)
- 131 Dye aggregation in solution: study of C.I. direct red 1
A. NAVARRO & F. SANZ (Spain)
- 141 Aggregation of *o,o'*-dihydroxyazo dyes—1. Concentration, temperature, and solvent effect
M. DAKIKY (Israel) & I. NĚMCOVA (Czech Republic)
- 151 Extended conjugation in di- and tri- arylmethane dyes. Part 3. The effects of increased planarity in Victoria Blue dyes
S.G.R. GUINOT, J.D. HEPWORTH & M. WAINWRIGHT (UK)
- 157 Fatigue resistance of photochromic 2,2-diaryl-[2H]-heteroannellated chromenes in solution
C. SALEMI-DELVAUX, E. POTTIER, R. GUGLIEMETTI, R. DUBEST & J. AUBARD (France)
- 163 Ab initio modeling of the solvent influence on the azo-hydrazone tautomerism
L. ANTONOV (Bulgaria), S. KAWAUCHI, M. SATOH & J. KOMIYAMA (Japan)
- 171 Kinetic study on the sunlight-induced degradation of acid azo dyes on silk
M.R. MASSAFRA, E. SELLI, S. SALSA & B. MARCANDALLI (Italy)
- 181 Preparation of monomethine cyanine dyes as noncovalent labels for nucleic acids
N.I. GADJEV, T.G. DELIGEORGIEV (Bulgaria) & S.H. KIM (South Korea)
- 187 The synthesis of asymmetrically substituted amphiphilic phthalocyanines and their gas-sensing properties
X. DING, S. SHEN, Q. ZHOU & H. XU (People's Republic of China)
- 193 Direct dyes containing two urea groups
J. SZADOWSKI & Z. NIEWIADOMSKI (Poland)
- 199 Synthesis of derivatives of Naphtol AS containing polar groups and modification used for C.I. Pigment Red 57
F. XUENING, Z. TIANYONG & Z. CHUNLONG (People's Republic of China)
- 205 Studies on the selective synthesis of N-monoalkyl aromatic amines
X. ZHOU, Z. WU, L. LIN & G. WANG (People's Republic of China)
- 211 VIS absorption spectrophotometry of disperse dyes
V. GOLOB & L. TUŠEK (Slovenia)
- 219 Crystal structure of 10-chloro-3,3,3',3'-tetramethyl-1,1'-diethylindodicarbocyanine
Z.-F. DAI, B.-X. PENG & X.-A. CHEN (People's Republic of China)
- 225 Dye-fibre bond stabilities of some reactive dyes on cotton
M. GORENŠEK (Slovenia)
- 235 Substantivity of azoic coupling components "azotols"
C. DĂESCU & D. HĂDĂRUGĂ (Romania)

- 243 Kinetic study of reaction of m-(2-sulfatoethyl)sulfonyl aniline and a monochlorotriazinyl dye in aqueous solution
Y. SHENG & Z. ZHENGHUA (People's Republic of China)
- 251 Dicyanopyrazine studies. Part VII: Solid state absorption spectra and aggregation behavior of aminovinylpyrazine dyes containing a long chain alkyl group
J.-Y. JAUNG, M. MATSUOKA & K. FUKUNISHI (Japan)
- 261 Synthesis of 5-nitro- and 5-aminobenzimidazolone-2
Z. BORUSZCZAK & J. KRASKA (Poland)